

Please type a plus sign (+) inside this box

UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. 112047-0013

First Inventor or Application Identifier Yassir Elley et al.

Title METHOD AND SYSTEM FOR PROVING MEMBERSHIP IN A NESTED GROUP USING CHAINS OF CREDENTIALS

Express Mail Label No. EL024396881US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ *Fee Transmittal Form (e.g., PTO/SB/17)

(Submit an original and a duplicate for fee processing)

2. ☒ Specification [Total Pages 37]

(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. ☒ Drawing(s) [Total Sheets 6]

4. Oath or Declaration [Total Pages 3]

a. ☒ Newly executed (original copy)

b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))

(for continuation/divisional with Box 17 completed)

[Note Box 5 below]

DELETION OF INVENTOR(S)

☐ Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Incorporation By Reference (useable if Box 4b is checked)
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein

6. ☐ Microfiche Computer Program (Appendix)

7. Nucleotide and/or Amino Acid Sequence Sequence Submission

((if applicable, all necessary))

a. ☐ Computer Readable Copy

b. ☐ Paper Copy (Identical to computer copy)

c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

8. ☒ Assignment Papers (cover sheet & document(s))

9. ☐ 37 C.F.R. § 3.73(b) Statement (when there is ☐ Power of Attorney an assignee)

10. ☐ English Translation Document (if applicable)

11. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

14. ☐ *Small Entity Statement(s) ☐ Statement filed in prior application, Status still proper and desired ((PTO/SB/09-12))

15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. ☐ Other:

*NOTE FOR ITEMS 1 & 14: IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.27), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: /

Prior application Information: Examiner

Group/Art Unit:

18. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☒ Correspondence address below

Name Robert A. Cesari

Address Cesari and McKenna
30 Rowes Wharf

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State

MA

Zip Code

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(617) 951-2500

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Name (Print/Type)

Robert A. Cesari

Registration No. (Attorney/Agent)

18,381

Signature

Robert A. Cesari

Date

May 10, 1999

FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$) 3,758

Complete If Known

Application Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	Yassir Elley et al.
Examiner Name	Not yet assigned
Group / Art Unit	Not yet assigned
Attorney Docket No.	112047-0013

METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 03-1237
Deposit Account Name Cesari and McKenna, LLP

- ☒ Charge Any Additional Fee Required Under 37 C.F.R. §§1.16 and 1.17 ☐ Charge the Issue Fee Set in 37 C.F.R. §§1.18 at the Mailing of the Notice of Allowance

2. ☒ Payment Enclosed:
☒ Check ☐ Money ☐ Other Order

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
101	760 201	380	Utility filing fee	760
106	310 206	155	Design filing fee	
107	480 207	240	Plant filing fee	
108	760 208	380	Reissue filing fee	
114	150 214	75	Provisional filing fee	
SUBTOTAL (1) (\$)				760

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
128	16		20**	108 × 18 =	1,944
			3**	13 × 78 =	1,014
					0

**or number previously paid, if greater; For Reissues, see below

Large Entity Small Entity

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description
103	18 203	9	Claims in excess of 20
102	78 202	39	Independent claims in excess of 3
104	260 204	130	Multiple dependent claim, if not paid
109	78 209	39	**Reissue independent claims over original patent
110	18 210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 2,958

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Code	Small Entity Code	Fee (\$)	Fee Description	Fee Paid
105	130 205	65	Fee Surcharge - late filing fee or oath	
127	50 227	25	Surcharge - late provisional filing fee or cover sheet	
139	130 139	130	Non-English Specification	
147	2,520 147	2,520	For filing a request for reexamination	
112	920 112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840 113	1,840*	Requesting publication of SIR after Examiner action	
115	110 215	55	Extension for reply within first month	
116	380 216	190	Extension for reply within second month	
117	870 217	435	Extension for reply within third month	
118	1,360 218	680	Extension for reply within fourth month	
128	1,850 128	925	Extension for reply within fifth month	
119	300 219	150	Notice of Appeal	
120	300 220	150	Filing a brief in support of an appeal	
121	260 221	130	Request for oral hearing	
138	1,510 138	1,510	Petition to institute a public use proceeding	
140	110 240	55	Petition to revive - unavoidable	
141	1,210 241	605	Petition to revive - unintentional	
142	1,210 242	605	Utility Issue fee (or reissue)	
143	430 243	215	Design Issue fee	
144	580 244	290	Plant Issue fee	
122	130 122	130	Petitions to the Commissioner	
123	50 123	50	Petitions related to provisional applications	
126	240 126	240	Submission of Information Disclosure Stmt	
581	40 581	40	Recording each patent assignment per property (times number of properties)	40
146	760 246	380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760 249	380	For each additional invention to be examined (37 CFR 1.129(b))	
Other (specify)				
Other fee (specify)				0
SUBTOTAL (3) (\$)				40

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Typed or Printed Name

Robert A. Cesari

Signature

Robert A. Cesari

Date

May 10, 1999

Complete (if applicable)

Reg. Number

18,381

Deposit Account User ID

05/10/99
JCS42 U.S. PTO

PATENTS
112047-0013

A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JCS42 U.S. PTO
09/310165
05/10/99

In Re The Application of:)
Yassir Elley et al.)
Serial No.: Not yet assigned) Examiner: Not yet assigned
Filed: Herewith) Art Unit: Not yet assigned
For: METHOD AND SYSTEM FOR)
PROVING MEMBERSHIP IN A)
NESTED GROUP USING CHAINS)
OF CREDENTIALS)

Cesari and McKenna, LLP
30 Rowes Wharf
Boston, MA 02110
May 10, 1999

CERTIFICATE OF EXPRESS MAILING

"Express Mail" Mailing-Label Number: EL024396881US

I hereby certify that the following Utility Patent Application (37 pages), Utility Patent Application Transmittal, Recordation Form Cover Sheet and Assignment, Fee Transmittal, Declaration, Letter to Official Draftsman with Formal Drawings (Fig. 1-6) Check in the amount of \$2,958, Check in the amount \$1,210 and Check in the amount of \$40 are is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 C.F.R. §1.10 in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on May 10, 1999.

Carol Vandenburg

Carol Vandenburg

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

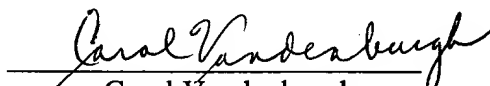
In Re The Application of:)	
Yassir Elley et al.)	
)	
Serial No.: Not yet assigned)	Examiner: Not yet assigned
)	
Filed: Herewith)	
)	
For: METHOD AND SYSTEM FOR)	Art Unit: Not yet assigned
PROVING MEMBERSHIP IN A)	
NESTED GROUP USING CHAINS)	
OF CREDENTIALS)	

Cesari and McKenna, LLP
30 Rows Wharf
Boston, MA 02110
May 10, 1999

CERTIFICATE OF EXPRESS MAILING

“Express Mail” Mailing-Label Number: EL024396881US

I hereby certify that the following Formal Drawings (Fig. 1-6) are being deposited with the United States Postal Service “Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10 in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on May 10, 1999.


Carol Vandenburg

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

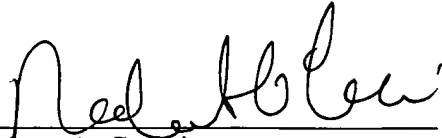
Sir:

LETTER TO OFFICIAL DRAFTSMAN

If the Examiner in charge of the above-identified application approves, please substitute the enclosed drawing sheets containing formal versions of Figures 1-6 for the corresponding drawing sheets currently in the application.

Please charge any additional fee occasioned by this paper to our Deposit Account
No. 03-1237.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Robert A. Cesari", written over a horizontal line.

Robert A. Cesari
Reg. No. 18,381
CESARI AND MCKENNA, LLP
30 Rowes Wharf
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